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May 2, 1995

The Commissioner of Patents and
Trademarks,
Washington, D.C. 20231,
U.S.A.

BY COURIER

Dear Sir:

Transmitted herewith for filing is the patent application of Raafat Fahim et al. for ACELLULAR PERTUSSIS VACCINES AND METHODS OF PREPARATION THEREOF.

Enclosed are:

- (X) 1. Specification with claims
- (X) 2. Declaration and Power of Attorney - unsigned copy
- (X) 3. One sheet of informal drawings

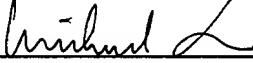
The filing fee has been calculated as shown below and a cheque for \$1344.00 is enclosed:

Basic Fee	\$ 730.00
17 claims in excess of 20 at \$22.00 each	374.00
No independent claims in excess of 3 at \$76.00 each	0.00
Multiple claims presented	240.00
Total	<u>\$1344.00</u>

Would the Commissioner please effect filing of this application and recordal of the Assignment(s) (if applicable) at his earliest convenience.

In the event that the cheque enclosed is not sufficient to cover the required fees, please charge any additional fees to our Deposit Account No. 19-2253.

Yours very truly,


Michael I. Stewart
Reg. No. 24,973

Encl.